

L Number	Hits	Search Text	DB	Time stamp
3	6	"5217962"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 17:23
1	2	"5998173"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 17:23
2	25	"5804594"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 17:23
-	0	hyaluronic and acetylglucoseamine and food	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 17:22
-	51	hyaluronic and acetylglucosamine and food	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/09 14:51
-	0	hyaluronic and acetylglucosamine and beverages	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/09/25 16:04
-	56	hyaluronic and acetylglucosamine and (food or edible or injectible)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/09 10:49
-	43	hyaluronic and acetylglucosamine and (food or edible or injectible) and skin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/09 10:49
-	249	hyaluronic and acetylglucosamine	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/09 14:51
-	150	hyaluronic and acetylglucosamine and skin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/09 14:52
-	131	hyaluronic and n-acetylglucosamine and skin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/09 14:56
-	43	hyaluronic and acetylglucosamine and skin and (injectible or food or edible)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/09 14:59
-	150	hyaluronic and acetylglucosamine and skin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/09 15:38

-	131	hyaluronic and n-acetylglucosamine and skin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/09 15:01
-	58	(hyaluronic SAME n-acetylglucosamine) and skin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/09 15:02
-	249	hyaluronic and acetylglucosamine	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/09 15:27
-	150	hyaluronic and acetylglucosamine and skin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/09 15:27
-	46	(hyaluronic near12 acetylglucosamine) and skin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/09 15:38
-	249	hyaluronic and acetylglucosamine	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/19 14:50
-	1	hyaluronic and acetylglucoseamine	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/19 14:50
-	150	hyaluronic and acetylglucosamine and skin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/19 14:51
-	146	hyaluronic and acetylglucosamine and skin and (food or ingestible or water)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/19 14:52
-	41	hyaluronic and acetylglucosamine and skin and (food or ingestible)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/19 14:52
-	2	"6147054"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/20 10:31
-	1	"6147054" and acetylglucosamine and hyaluronic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2001/11/20 10:32
-	157	\$acetylglucosamine same hyaluron\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/09 13:36

-	85	(\$acetylglucosamine same hyaluron\$) and skin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/09 13:37
-	98	(\$acetylglucosamine same hyaluron\$) and (skin topical dermal dermis)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/09 13:37
-	16	(\$acetylglucosamine same hyaluron\$) same (skin topical dermal dermis)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/09 14:59
-	1	(\$acetylglucosamine same hyaluron\$) same food	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/09 13:39
-	2	"10165138"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/10 09:56
-	421	acetylglucosamine and collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 14:12
-	11	acetylglucosamine with collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 14:06
-	47	acetylglucosamine same collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:28
-	36	( acetylglucosamine same collagen) not ( acetylglucosamine with collagen)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 14:09
-	257	acetylglucosamine and collagen and skin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 14:22
-	2	"11225245"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 14:15
-	4	"2001048789"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 14:15
-	3	"6159485"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 14:42

-	2	"6255295"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:04
-	4	"5650166"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:04
-	47	\$acetylglucosamine same collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:31
-	47	\$3acetylglucosamine same collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:31
-	13	\$3acetyl adj glucosamine same collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:47
-	4821	collagen.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:48
-	59487	collagen.ti. skin.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:48
-	453	collagen.ti. and skin.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:48
-	29	collagen.ti. and skin.ti. and vitamin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:51
-	1065	collagen.ti. and skin.ti. and vitamin collagen and skin and chondroitin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:51
-	1065	(collagen.ti. and skin.ti.) and vitamin collagen and skin and chondroitin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:52
-	0	(collagen.ti. and skin.ti.) and vitamin and collagen and skin and chondroitin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:52
-	0	(collagen.ti. and skin.ti.) and vitamin and chondroitin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:52

-	4255	chondroitin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:52
-	875	chondroitin and vitamin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/27 15:53
-	625	(acetylglucosamine or (acetyl adj glucosamine) or nag) and collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/30 09:13
-	12	(acetylglucosamine or (acetyl adj glucosamine) or nag).clm. and collagen.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/30 09:19
-	12	(acetylglucosamine or (acetyl adj glucosamine) or nag).ab. and collagen.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/30 10:37
-	375	(acetylglucosamine or (acetyl adj glucosamine) or nag) with chitin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/30 10:38
-	10	(acetylglucosamine or (acetyl adj glucosamine) or nag) with natural with chitin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/30 10:39
-	31	(acetylglucosamine or (acetyl adj glucosamine) or nag) with hydrolysis with chitin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/30 10:39
-	12	"1034648"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 10:11
-	6	"1283413"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 10:30
-	19	"225245"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 10:29
-	0	"22524599"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 10:35
-	7	"1075836"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 11:03

-	19	"281696"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 11:04
-	5	"2000-281696"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 11:04
-	5	"085771"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 11:05
-	53182	katsumi	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 11:05
-	44	katsumi and ryosuke	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:34
-	0	n with actetyl with glucosamine	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:35
-	2604	n with acetyl with glucosamine	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:40
-	3008	n with acetylglucosamine	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:40
-	5098	(n with acetyl with glucosamine) or (n with acetylglucosamine)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:39
-	495	((n with acetyl with glucosamine) or (n with acetylglucosamine)) and skin and food	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:36
-	57	((n with acetyl with glucosamine) or (n with acetylglucosamine)) and skin same care and food	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:37
-	6	((n with acetyl with glucosamine) or (n with acetylglucosamine)) and (skin.ab. same care) and food	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:38
-	5629	l4.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:41

-	707	n with acetylglucosamine.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:41
-	567	n with acetyl with glucosamine.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:41
-	1226	(n with acetylglucosamine.ab.) or (n with acetyl with glucosamine.ab.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:41
-	73	((n with acetylglucosamine.ab.) or (n with acetyl with glucosamine.ab.)) and skin.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:52
-	85	((n with acetylglucosamine.ab.) or (n with acetyl with glucosamine.ab.)) and food.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:42
-	152	((((n with acetylglucosamine.ab.) or (n with acetyl with glucosamine.ab.)) and skin.ab.) or (((n with acetylglucosamine.ab.) or (n with acetyl with glucosamine.ab.)) and food.ab.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:42
-	6	((((n with acetylglucosamine.ab.) or (n with acetyl with glucosamine.ab.)) and skin.ab.) and (((n with acetylglucosamine.ab.) or (n with acetyl with glucosamine.ab.)) and food.ab.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:50
-	8	((n with acetylglucosamine.ab.) or (n with acetyl with glucosamine.ab.)) and skin.ab. and care.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:52
-	5	((((n with acetylglucosamine.ab.) or (n with acetyl with glucosamine.ab.)) and skin.ab. and care.ab.) not (((n with acetylglucosamine.ab.) or (n with acetyl with glucosamine.ab.)) and skin.ab.) and (((n with acetylglucosamine.ab.) or (n with acetyl with glucosamine.ab.)) and food.ab.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 14:54
-	65	acetylglucosamine same skin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 15:04
-	24	5,804,594	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 16:03
-	280	chitin with oligosaccharide	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/14 16:03
-	13	(chitin with oligosaccharide) same skin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 15:26

-	137	matahira.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 09:27
-	10	matahira.in. and acetylglucosamine	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 09:42
-	6	"5217962"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 09:56
-	3	"5866142"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 09:56
-	24	(chitin with oligosaccharide) and oral and (skin or topical or cosmetic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 15:26



L5 ANSWER 9 OF 19 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:480704 CAPLUS

DOCUMENT NUMBER: 135:81992

TITLE: Aminosugar, glycosaminoglycan or glycosaminoglycan-like compounds, and S-adenosylmethionine composition for the protection, treatment, repair, and reduction of inflammation of connective tissue

INVENTOR(S): Henderson, Robert W.; Henderson, Todd; Hammad, Tarek

PATENT ASSIGNEE(S): Nutramax Laboratories, Inc., USA

SOURCE: U.S., 21 pp., Cont.-in-part of U.S. Ser. No. 797,294.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 7

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6255295	B1	20010703	US 1997-845852	19970428
US 6492349	B1	20021210	US 1996-779996	19961223
US 6271213	B1	20010807	US 1997-797294	19970207
WO 9848816	A1	19981105	WO 1998-US7561	19980417
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9869733	A1	19981124	AU 1998-69733	19980417
AU 747595	B2	20020516		
EP 979090	A1	20000216	EP 1998-915591	19980417
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRIORITY APPLN. INFO.:				
			US 1996-779996	A2 19961223
			US 1997-797294	A2 19970207
			US 1993-40936	A2 19930331
			US 1994-207581	A2 19940314
			US 1997-845852	A 19970428
			WO 1998-US7561	W 19980417

AB An **oral** compn., e.g., capsules, for the protection, treatment and repair and for reducing the inflammation of connective tissue in humans and small and large animals and a method for the protection, treatment of connective tissue in mammals by the administration of the compn. is described. The compn. includes at least two compds. selected from S-adenosylmethionine (SAM), an aminosugar selected from the group consisting of glucosamine, glucosamine salts, glucosamine hydrochloride, galactosamine, N-acetylglucosamine, and fragments, mixts. or salts thereof, and a glycosaminoglycan (GAG) or glycosaminoglycan-like compd. selected from the group consisting of chondroitin, chondroitin salts, hyaluronic acid, glucuronic acid, iduronic acid, keratan sulfate, keratin sulfate, heparan sulfate, **dermatin** sulfate, pentosan polysulfate (PPS), sodium PPS, calcium PPS, oversulfated GAGs, and fragments, salts, and mixts. thereof. The compn. optionally includes manganese which promotes the prodn. of connective tissue matrix. The compn. also optionally includes Me donors or Me donor cofactors, such as vitamin B12, vitamin B6, folic acid, dimethylglycine or trimethylglycine, and betaine.

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L5 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1998:719279 CAPLUS

DOCUMENT NUMBER: 129:347310

TITLE: Amino sugar, glycosaminoglycan or glycosaminoglycan-like compounds, and S-adenosylmethionine

INVENTOR(S): Henderson, Robert W.; Henderson, Todd; Hammad, Tarek

PATENT ASSIGNEE(S): Nutramax Laboratories, Inc., USA

SOURCE: PCT Int. Appl., 51 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 7

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9848816	A1	19981105	WO 1998-US7561	19980417
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
US 6255295	B1	20010703	US 1997-845852	19970428
AU 9869733	A1	19981124	AU 1998-69733	19980417
AU 747595	B2	20020516		
EP 979090	A1	20000216	EP 1998-915591	19980417
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			

PRIORITY APPLN. INFO.:

US 1997-845852 A 19970428

US 1996-779996 A2 19961223

US 1997-797294 A2 19970207

WO 1998-US7561 W 19980417

AB A compn. for the protection, treatment and repair and for reducing the inflammation of connective tissue in mammals and a method for the protection, treatment of connective tissue in mammals by the administration of the compn. The compn. includes at least 2 compds. selected from S-adenosylmethionine (SAM), an amino sugar, e.g., glucosamine, glucosamine salts, and a glycosaminoglycan or glycosaminoglycan-like compd., e.g., chondroitin or its salts, keratin sulfate, heparan sulfate. The compn. optionally includes manganese which promotes the prodn. of connective tissue matrix. The compn. also optionally includes Me group donors or Me group donor cofactors, such as vitamin B12, vitamin B6, folic acid, dimethylglycine or trimethylglycine, and betaine. Thus, capsules for oral administration to humans and small animals contained SAM 5-5000, glucosamine 50-5000 and chondroitin sulfate 15-5000 mg.